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not RCRA

oik  
8-12-86

<b>11580406</b> <b>POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT</b> <b>PART 1 - SITE INFORMATION AND ASSESSMENT</b>				<b>I. IDENTIFICATION</b> 01 STATE 02 SITE NUMBER IL 980901540	
<b>II. SITE NAME AND LOCATION</b>					
01 SITE NAME (Legal, common, or descriptive name of site) <b>MURRELL LANDFILL</b>			02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER <b>HILL ROAD RR #8</b>		
03 CITY <b>DECATUR</b>		04 STATE <b>IL</b>	05 ZIP CODE <b>62522</b>	06 COUNTY <b>MAHON</b>	07 COUNTY CODE <b>115</b>
08 COORDINATES LATITUDE SITE 1 39 49 00.0 SITE 2 39 48 55.0 LONGITUDE SITE 1 089 03 30.0 SITE 2 089 03 00.0		09 HARRISTOWN QUAD. 1982			
10 DIRECTIONS TO SITE (Starting from nearest public road) FROM STATE ROUTE 36, SOUTH ON WYCKLES RD. ONE MILE, TURN WEST ON CANTRELL ST. 1/4 MILES, TURN SOUTH ON JOYNT RD. 1/2 MILE TO HILL RD. SITE 1 ON SE CORNER SITE 2 IS 1/4 TO 1/2 MILE WEST AT TWIN LAKES RD & HILL RD.					
<b>III. RESPONSIBLE PARTIES</b>					
01 OWNER (if known) <b>MR. RUEBEN MURRELL</b>			02 STREET (Business, mailing, residential) <b>HILL ROAD RR #8 BOX 153</b>		
03 CITY <b>DECATUR</b>		04 STATE <b>IL</b>	05 ZIP CODE <b>62522</b>	06 TELEPHONE NUMBER <b>217-963-2469</b>	
07 OPERATOR (if known and different from owner) <b>SAME</b>			08 STREET (Business, mailing, residential)		
09 CITY		10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER	
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE					
<b>IV. CHARACTERIZATION OF POTENTIAL HAZARD</b>					
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE <b>8-1-77</b> MONTH DAY YEAR <input type="checkbox"/> NO <b>8/23/83</b>		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input checked="" type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION <b>1974</b> BEGINNING YEAR   ENDING YEAR <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED <b>SLUDGE (TOXIC/PERSISTANT)</b> <b>OILY WASTE (SOLUBLE/FLAMMABLE)</b>					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION <b>GROUNDWATER (POPULATION/ENVIRONMENT)</b> <b>SURFACEWATER (POPULATION/ENVIRONMENT)</b>					
<b>V. PRIORITY ASSESSMENT</b>					
01 PRIORITY FOR INSPECTION (Check one, if high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (inspection required) <input type="checkbox"/> C. LOW (inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition forms)					
<b>VI. INFORMATION AVAILABLE FROM</b>					
01 CONTACT <b>MR. RUEBEN MURRELL</b>		02 OF (Agency/Organization) <b>MURRELL LANDFILL</b>		03 TELEPHONE NUMBER <b>217-963-2469</b>	
04 PERSON RESPONSIBLE FOR ASSESSMENT <b>KENNETH W. CORKILL</b>		05 AGENCY <b>IEPA</b>	06 ORGANIZATION <b>RPMS</b>	07 TELEPHONE NUMBER <b>217-782-6766</b>	08 DATE <b>2-14-86</b> MONTH DAY YEAR



I HIGHLY VOLATILE  
J EXPLOSIVE  
K REACTIVE  
L INCOMPATIBLE  
M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE

02 SITE NUMBER

140

980901540

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 2394

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

APPROXIMATELY 630 RESIDENCES ARE LOCATED WITHIN A THREE MILE RADIUS OF THESE LANDFILLS. A PORTION OF THE WEST EXTREMITY OF DECATUR IS WITHIN THE THREE MILE RADIUS, HOWEVER, DECATUR USES LAKE DECATUR FOR THEIR MUNICIPAL WATER.

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

THERE ARE NO KNOWN SURFACE INTAKES WITHIN A TWO MILE RADIUS OF THE TWO SITES.

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_  
(Acres)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 2394

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

SAME AS "A"

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

150 980901540

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (Include names of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Solid runoff standing against leaking drums)  
03 POPULATION POTENTIALLY AFFECTED 2394

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

THIS SITE STORED DRUMS OF PETROLEUM OILS AND PETROLEUM BY-PRODUCTS ORIGINALLY OWNED BY F.W. MEARS CO. OF DELAWARE. THESE DRUMS WERE ON-SITE BETWEEN JULY 1974 AND MARCH 1978. MAY OR MAY NOT HAVE LEAKED

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☒ ALLEGED

THIS SITE HAS NEVER HAD A PERMIT FOR OPERATION OF A SOLID WASTE MANAGEMENT SITE NOR HAS IT HAD A PERMIT FOR ACCEPTANCE OF ANY LIQUID WASTE.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 2394

IV. COMMENTS

FURTHER INVESTIGATION NEEDED TO DETERMINE WHAT EXACTLY REMAINS AT THE SITES. NEED TO FIND OUT IF THE DRUMS HAD LEAKED. SITE SHOULD REMAIN UNDER SCRUTINY BASED ON PAST HISTORY & PROXIMITY TO THE SAUCANAW RIVER.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA - LAND FILES

ILLINOIS POLLUTION CONTROL BOARD'S SEPT. 21, 1978 HEARING RECORD & ORDER.

## EXECUTIVE SUMMARY

Murrell Landfill of Decatur, Illinois began operation in July 1974 and is owned and operated by Mr. & Mrs. Rueben Murrell, the property owners.

The Murrells operate two sites. The first site is located adjacent to their home on the NE corner of the intersection of Twin Lakes Road and Hill Road. This site occupies approximately 17 acres in the South  $\frac{1}{2}$  of the SW  $\frac{1}{4}$  of the NE  $\frac{1}{4}$  of Section 22, Township 16 North, Range 1 East in Macon County. The other site is south of the intersection of Joynt Road and Hill Road. This site occupies approximately 5 acres in the NE  $\frac{1}{4}$  of the NW  $\frac{1}{4}$  of the SE  $\frac{1}{4}$  of Section 23, T.16N, R.1E in Macon County.

Murrell Landfill does not have any permits to accept wastes nor does it have a permit to operate. Unpermitted waste streams which were noted at the site are: hazardous and liquid wastes, including petroleum oils and petroleum by-products; general refuse, domestic garbage plus wood, metal, concrete, etc; and junk automobiles.

A number of inspections (8/77 through 5/82) of the main site found that there was not very much activity, nevertheless there were violations noted. In most cases inadequate cover was noted, general refuse and metal scraps were found poking through the cover surface. Also found on-site were garbage trucks.

Murrell Landfill has had a poor enforcement history with this Agency. The Agency's notices of violations have gone unanswered since the first one was sent to the Murrells on August 11, 1977. Subsequent attempts to get a response failed after which time a complaint was registered with the Illinois Pollution Control Board (IPCB) citing violations of Chapter 7 (Solid Waste Regulations). A hearing was held on June 20, 1978. On September 21, 1978 an opinion and order of the Board was handed down issuing a penalty of \$200 against the Murrells.

The Macon County Health Department made an inspection of the sites and found violations of article 4, sections 1 and 5 of the Macon County Refuse Ordinance. Citizens had complained that the Murrells were feeding refuse to the hogs on the property, no evidence of this was found during an investigation into the matter.

With the prior history of poor operational practices and problems, and the potential for ground and surface water contamination, this site is given a medium priority and a site investigation is advised.

KC:ds:0414F/2



